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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known Application Number 10/565,240				
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						_	EUTSCH Mordechai et al	
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					Examin	Examiner Name BEISNER William		NER William II.
Sheet 1 of 3			Attorne	Attorney Docket Number 30008		3		
	<u> </u>		U.S. P.	ATENT I	DOCUM	ENTS	1	
Examiner Initials*	Cite No. ¹	Document Number	n Date -YYYY	Date Name of Patentee or			Pages, Columns, Lines, Wher Relevant Passages or Relevan Figures Appear	
		Number-Kind Code ^{2 (if known)}						rigares rippear
	1	2006/0057557	16-Mar-20					
	2	2006/0154233	13-Jul-200			Deutsch		
	3	2007/0292837	20-Dec-20					
	4	6,117,612	12-Sep-2000		Halloran et al.			
	5	6,492,148	10-Dec-2002		van Loon et al.			
	6	6,555,365	29-Apr-20	03	Barbera	-Guillem et al.	-	
				_				
					-			
							-	
	1		FOREIG	N PATEN	T DOC	UMENTS		
Examiner nitials*	Cite No. 1	Foreign Patent Docur		Publication Date Name of Patentee			Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known) WO 06/003664		DD-MMM-YYYY Applicant of Cited Doo 12-Jan-2006 Deutsch et al.		Applicant of Cited Document		or Relevant Figures Appear
	7							
	8	WO 2005/007796		27-Jan	an-2005 Deutsch et al.			
	9	WO 2005/069001	28-Jul-	ul-2005 Muraguchi et al.				
	10	WO 2006/043267	27-Арі	or-2006 Deutsch				
	11	WO 2006/080000	03-Aug	ug-2006 Deutsch				
	12	WO 96/41153	19-Dec	:-1996	Zakim			
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⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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10565240 - GAU: 1775

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		IATION DISCLOSURE	First Named Inve	nton			
SI	TATEN	IENT BY APPLICANT		пюг	DEUTSCH Mordechai et a		
			Group Art Unit		1797		
	(use as	many sheets as necessary)	Examiner Name		BEISNER William H.		
Sheet	neet 2 Of 3 Attorney Docket Number 30008						
		OTHER PRIOR ART – NON PATE					
Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the					
Initials	No.1	publisher, city and/o	ook, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	13	Communication Pursuant to Rules 161			ust 2010		
		From the European Patent Office Re. A					
	14	International Preliminary Report on Pa	tentability Dated 27	May 2010	From the		
		International Bureau of WIPO Re.: App	olication No. PCT/II	.2008/0014	192.		
	15	International Preliminary Report on Pa	tentability Dated 27	May 2010	From the		
		International Preliminary Examining A	uthority Re.: Applica	ation No.			
		PCT/IL2008/001678.					
	16	International Search Report Dated 07 1	November 2005 From	m the Interi	national		
		Searching Authority Re.: PCT/IL2005/					
	17	International Search Report Dated 13 I		Internation	al Searching		
		Authority Re.: Application No. PCT/IL08/01492.					
	18	International Search Report Dated 27 December 2001 From the International					
		Searching Authority Re.: Application No. PCT/IL01/00443.					
	19	Office Action Dated 05 October 2010 From the Israel Patent Office Re.					
		Application No. 184818 and Its Translation Into English.					
	20	Official Action Dated 10 September 2010 From the US Patent and Trademark					
		Office Re.: Application No. 11/646,317.					
	21						
	22	Official Action Dated 23 September 26	010 From the US Pat	tent and Tr	ademark		
	Office Re.: Application No. 10/492,531. 23 Official Action Dated 23 September 2010 From the US Patent and Trademark Office Re.: Application No. 11/646,294.						
	24	Official Action Dated 29 September 2010 From the US Patent and Trademark					
	Office Re.: Application No. 11/883,028. 25 Response Dated 10 October 2010 to Notice of Reason for Rejection of 23 July						
		2010 From the Japanese Patent Office Re.: Application No. 2006-502647. Response Dated 21 September 2010 to Communication Pursuant to Rules 161(1) and 162 EPC of 25 August 2010 From the European Patent Office Re. Application					
	26						
	No. 08865081.7.						
	27 Supplementary European Search Report Dated 20 February 2006 From the						
		European Patent Office Re.: Application	n No 04714873.9.		<u> </u>		
Examiner				Date			
Signature	Considered						

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	C 1	CLASS C. S. AMONDO	Complete if Known						
	Sui	ostitute for form 1449A/PTO	Application Number 10/565,240 Filing Date May 03, 2007						
IN	FORM	ATION DISCLOSURE	Filing Date						
STATEMENT BY APPLICANT (use as many sheets as necessary) Example 1. Section			First Named Inventor	Unit 1797 aminer Name BEISNER William H.					
			Art Unit						
			Examiner Name						
			Attorney Docket Number						
		OTHER PRIOR ART – NON PATE	NT LITERATURE DOCU	MENTS					
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	28	Translation of Notice of Reason for Re		r 2007 From					
		Japanese Patent Office Re.: Applicatio							
	29	Written Opinion Dated 13 May 2009 I		hing Authority					
		Re.: Application No. PCT/IL08/01492		<i>S</i> - <i>J</i>					
	30	Arikawa et al. "Microbial Biosensors Based on Respiratory Inhibition", Methos in							
		Biotechnology, 6(Chap.16): 225-235, 1		,					
	31	Burlage et al. "Living Biosensors for the Management and Manipulation of							
	32	Microbial Consortia", Annual Reviews in Microbiology, 48: 291-309, 1994. Dive et al. "Improved Methodology for Intracellular Enzyme Reaction and							
	"-	Inhibition Kinetics by Flow Cytometry", Cytometry Journal of Society for							
		Analytical Cytology, 8(6): 552-561, 19							
	33	Dolbeare "Fluorescent Staining of Enz		Methods in Cell					
		Biology, 33(Chap.8): 81-88, 1990.	ymes for 1 to we extended y ,	ivietnous in cen					
	34		rofluidischen Strukturen Pro	niekt" Insitut für					
	3.1	Ducrée "Polymer Prototyping von mikrofluidischen Strukturen. Projekt", Insitut für Mikrosystemtechnik, Albert-Ludwigs-Universität Freiburg i. Br., IMTEK, 4 P.,							
		2004. Retrieved From the Internet:							
		http://images.google.com/imgres?imgurl=http://www.imtek.de/anwendungen/conten							
		t/upload/vorlcsung/133/133-03-							
		14_prototyping_hydrophobic.jpg&img	refurl=http://www.imtek.de/	content/projekte					
		php%3Fls%3D3%26nr%3D133&h=29		omena projeme.					
	35	Klingel et al. "Flow Cytometric Determ		Activities in					
		Living Cells With Rhodamine 110 Sub							
		41(Chap.29): 449-460, 1994.	outlies , medicas in con Di	ologj,					
	36	Nooter et al. "On-Line Flow Cytometry	v. A Versatile Method for K	inetic					
		Measurement", Methods in Cell Biolog							
	37	Simonian et al. "Microbial Biosensors							
		Methods in Biotechnology, 6(Chap.17)		,					
	38	Tixier et al. Catching and Attaching Ce		oholes". Abstract					
		of the 2nd Conference of the Society for							
	39	Turek et al. "Leucine Aminopeptidase							
		Cell Biology, 41(Chap.30): 461-468, 1		, 1/1001003 III					
	40	Watson et al. "Enzyme Kinetics", Metl		0-508 1004					
	770	watson et al. Enzyme Kineties, Wett	lodo III Celi Diology, 41. 40.	J-300, 1334.					

Examiner	/William Beisner/	Date	1010510010
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